

**REMARKS**

In response to the Final Office Action mailed May 6, 2005, Applicant respectfully requests reconsideration.

Claims 1-5, 8, and 10-24 were rejected under 35 U.S.C. §112, second paragraph, as allegedly being indefinite. With respect to claim 1, the Office Action noted some minor typographical errors in line 11 of claim 1. Applicant has corrected these minor typographical errors.

In addition, the Office Action noted that the phrase "circuitry connected to at least one of said inputs... said circuitry comprising a further input to receive a signal..." seemed to be mis-descriptive.

In response to this comment, Applicant has amended claim 1 to now recite "circuitry connected to either at least one of said inputs for receiving one of said plurality of bits of the second quantity or to said outputs for providing Booth coded outputs". In view of these changes to the claim, Applicant believes that claim 1 is fully consistent with the embodiments described in the application.

Applicant has also changed the word "quadrant" to --quantity-- to correct a typographical error in claim 1.

Applicant notes that the amendments to claim 1 are for clarification only and do not narrow the scope of the claims.

In view of the amendments to claim 1, Applicant believes that claims 1-5, 8, and 10-24 should now be in allowable condition.

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- 7 -

Art Unit: 2193

### CONCLUSION

A Notice of Allowance is respectfully requested. The Examiner is requested to call the undersigned at the telephone number listed below if this communication does not place the case in condition for allowance.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825.

#### **CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 23, 2005.

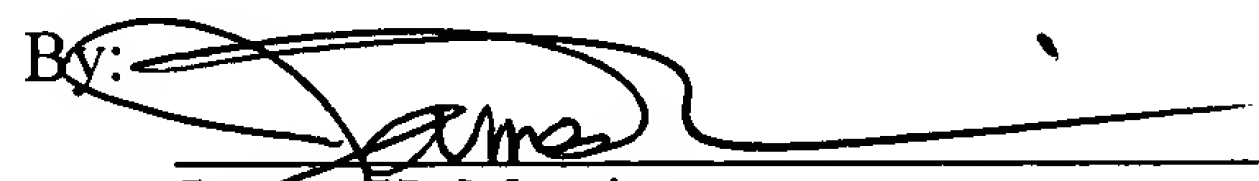


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Respectfully submitted,

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